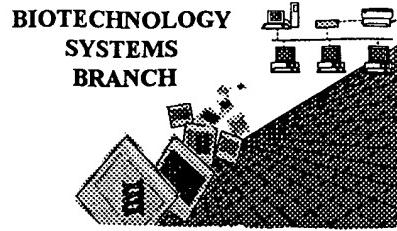


2/21



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/998,551A
Source: OIPE
Date Processed by STIC: 02/28/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



Does Not Comply
Corrected Diskette Needed

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/998,551A

DATE: 02/28/2002
TIME: 11:20:24

Input Set : A:\09820155.ST25.txt
Output Set: N:\CRF3\02282002\I998551A.raw

3 <110> APPLICANT: Nelson, Bryce P
4 Liles, Mark R
5 Frederick, Kendra
6 Corn, Robert M
7 Robert, Goodman M
9 <120> TITLE OF INVENTION: Label-Free Detection of Nucleic Acids Via Surface Plasmon Resonance

11 <130> FILE REFERENCE: 09820.155
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/998,551A
C--> 14 <141> CURRENT FILING DATE: 2001-11-29

16 <150> PRIOR APPLICATION NUMBER: 09/456,038
17 <151> PRIOR FILING DATE: 1999-12-03
19 <150> PRIOR APPLICATION NUMBER: 09/368,991
20 <151> PRIOR FILING DATE: 1999-08-05
22 <150> PRIOR APPLICATION NUMBER: 60/132,342
23 <151> PRIOR FILING DATE: 1999-05-04

25 <160> NUMBER OF SEQ ID NOS: 14
27 <170> SOFTWARE: PatentIn version 3.1

29 <210> SEQ ID NO: 1
30 <211> LENGTH: 20

31 <212> TYPE: DNA

32 <213> ORGANISM: Artificial Sequence

34 <220> FEATURE:

35 <223> OTHER INFORMATION: (Artificial Sequence)

37 <220> FEATURE:

38 <221> NAME/KEY: misc_feature

39 <222> LOCATION: (12)..(12)

40 <223> OTHER INFORMATION: n is A or C

43 <400> SEQUENCE: 1

W--> 44 agagtttgat cntggctcag

20

47 <210> SEQ ID NO: 2

48 <211> LENGTH: 19

49 <212> TYPE: DNA

50 <213> ORGANISM: Artificial Sequence

52 <220> FEATURE:

53 <223> OTHER INFORMATION: (Artificial Sequence)

55 <220> FEATURE:

56 <221> NAME/KEY: misc_feature

57 <222> LOCATION: (3)..(3)

58 <223> OTHER INFORMATION: n is G or T

61 <220> FEATURE:

62 <221> NAME/KEY: misc_feature

63 <222> LOCATION: (3)..(3)

64 <223> OTHER INFORMATION: n is C or T

→ The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

- invalid response - see error
summary sheet, item 11

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/998,551A

DATE: 02/28/2002
TIME: 11:20:24

Input Set : A:\09820155.ST25.txt
Output Set: N:\CRF3\02282002\I998551A.raw

67 <400> SEQUENCE: 2
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71 <210> SEQ ID NO: 3
72 <211> LENGTH: 20
73 <212> TYPE: DNA
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76 <220> FEATURE:
77 <223> OTHER INFORMATION Artificial Sequence
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83 <210> SEQ ID NO: 4
84 <211> LENGTH: 16
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION Artificial Sequence
91 <400> SEQUENCE: 4 16
92 ctcccccgtc aaagta
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 15
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION Artificial Sequence
103 <400> SEQUENCE: 5 15
104 cggtgcttct tctgc
107 <210> SEQ ID NO: 6
108 <211> LENGTH: 21
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION Artificial Sequence
115 <400> SEQUENCE: 6 21
116 ctttatgtt tgaaccatgc g
119 <210> SEQ ID NO: 7
120 <211> LENGTH: 16
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION Artificial Sequence
127 <400> SEQUENCE: 7 16
128 ttccctaaca acagag
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 16
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION Artificial Sequence
139 <400> SEQUENCE: 8

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/998,551A

DATE: 02/28/2002
TIME: 11:20:24

Input Set : A:\09820155.ST25.txt
Output Set: N:\CRF3\02282002\I998551A.raw

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148 <220> FEATURE:	
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151 <400> SEQUENCE: 9	
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155 <210> SEQ ID NO: 10	
156 <211> LENGTH: 24	
157 <212> TYPE: DNA	
158 <213> ORGANISM: Artificial Sequence	
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163 <400> SEQUENCE: 10	
164 ggatgtgtgt ggagtgttag aaag	24
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169 <212> TYPE: DNA	
170 <213> ORGANISM: Artificial Sequence	
172 <220> FEATURE:	
173 <223> OTHER INFORMATION: Artificial Sequence	
175 <400> SEQUENCE: 11	
176 gccgaaggcca ccttttat	18
179 <210> SEQ ID NO: 12	
180 <211> LENGTH: 18	
181 <212> TYPE: DNA	
182 <213> ORGANISM: Artificial Sequence	
184 <220> FEATURE:	
185 <223> OTHER INFORMATION: Artificial Sequence	
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/998,551A DATE: 02/28/2002
TIME: 11:20:25

Input Set : A:\09820155.ST25.txt
Output Set: N:\CRF3\02282002\I998551A.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2